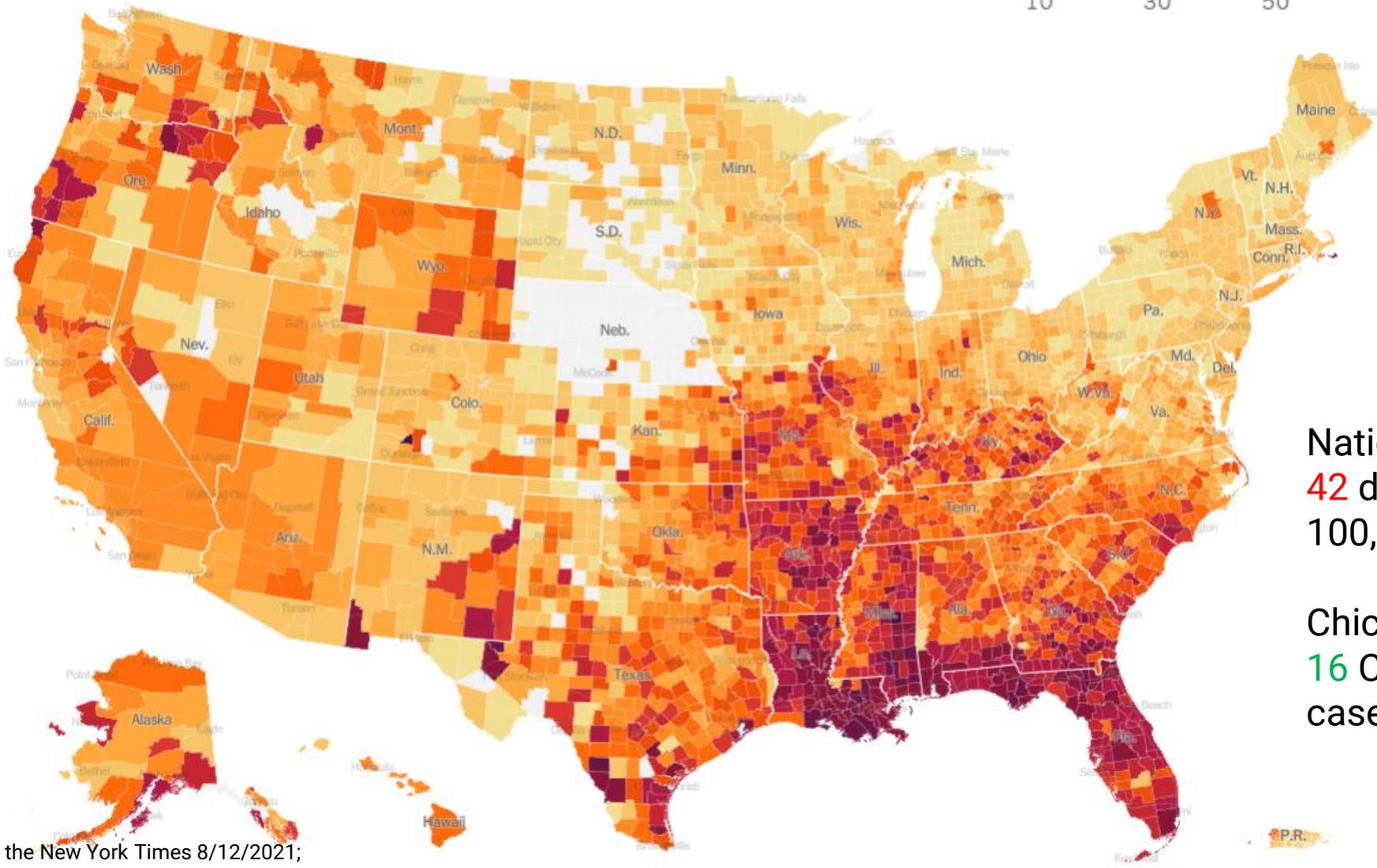


COVID-19 case rates per 100,000 population



**36 Million Cases
618,701 Deaths**

**71.3% Adults
Vaccinated
(at least one dose)**

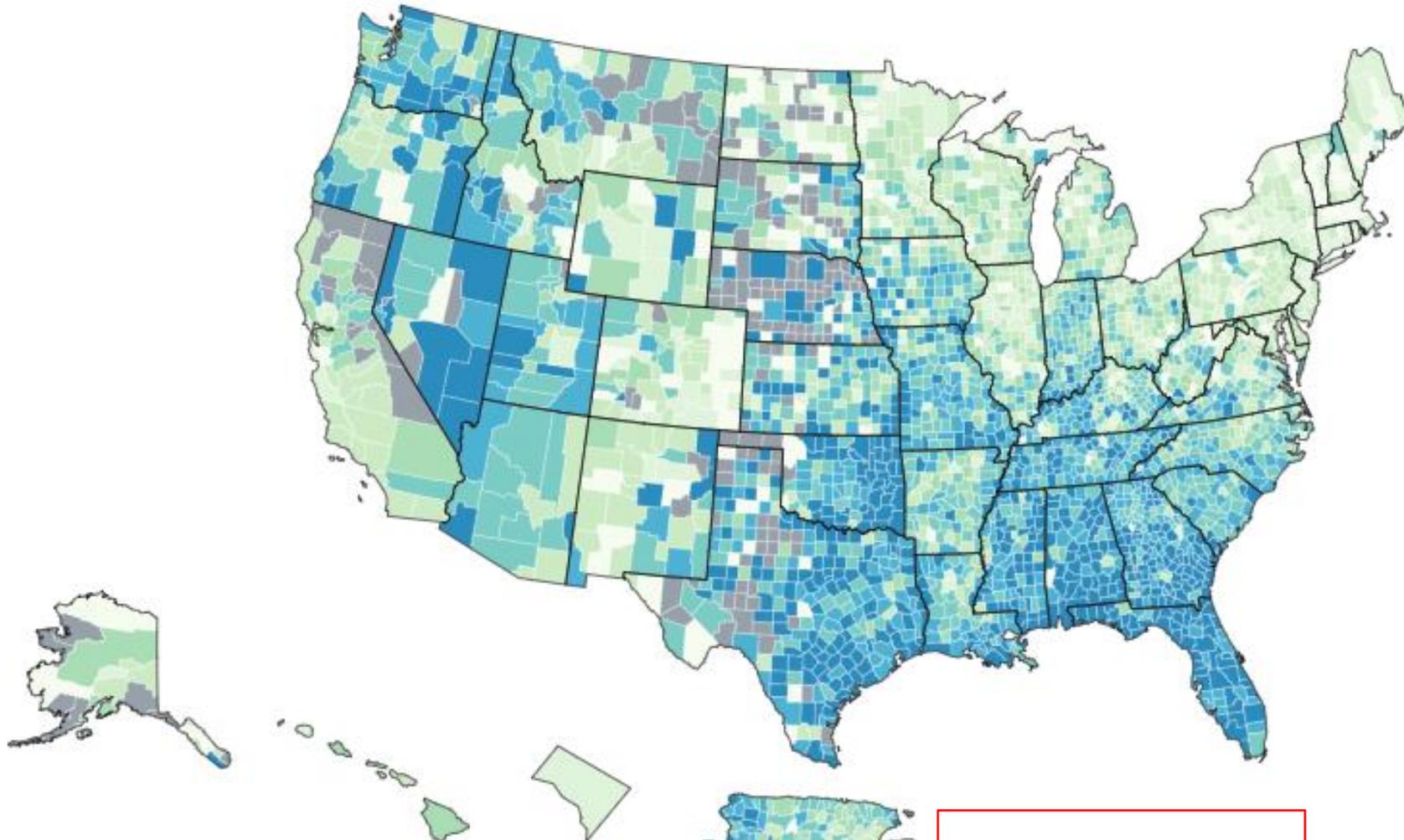
National currently:
42 diagnosed daily cases per
100,000 people

Chicago currently:
16 COVID-19 diagnosed daily
cases per 100,000 people

Presented by the New York Times 8/12/2021;
Sources: Local governments; The Center for Systems
Science and Engineering at Johns Hopkins University

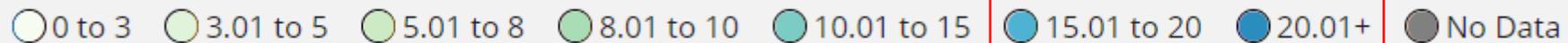
Diagnosed case rates also affected by testing rates; if people avoid testing until they are ill enough to need medical care, we see very high percent positivity (as in much of the Southeast)

Test Percent Positivity (Average last 7 days)



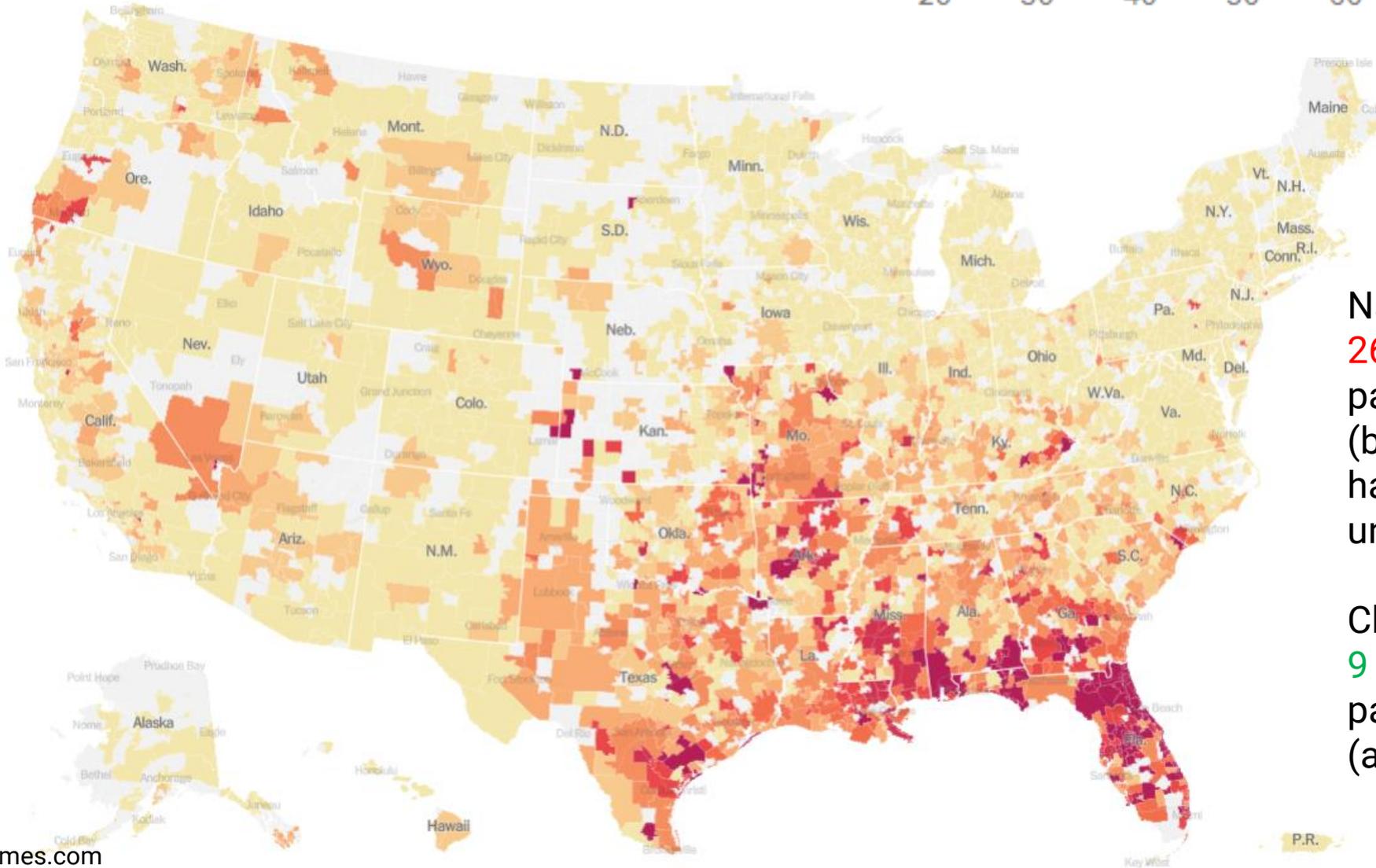
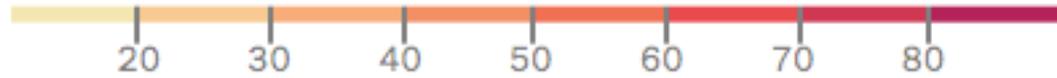
National currently: 9.7%

Chicago currently: 4.6%



COVID-19 hospitalized patients per 100,000 population

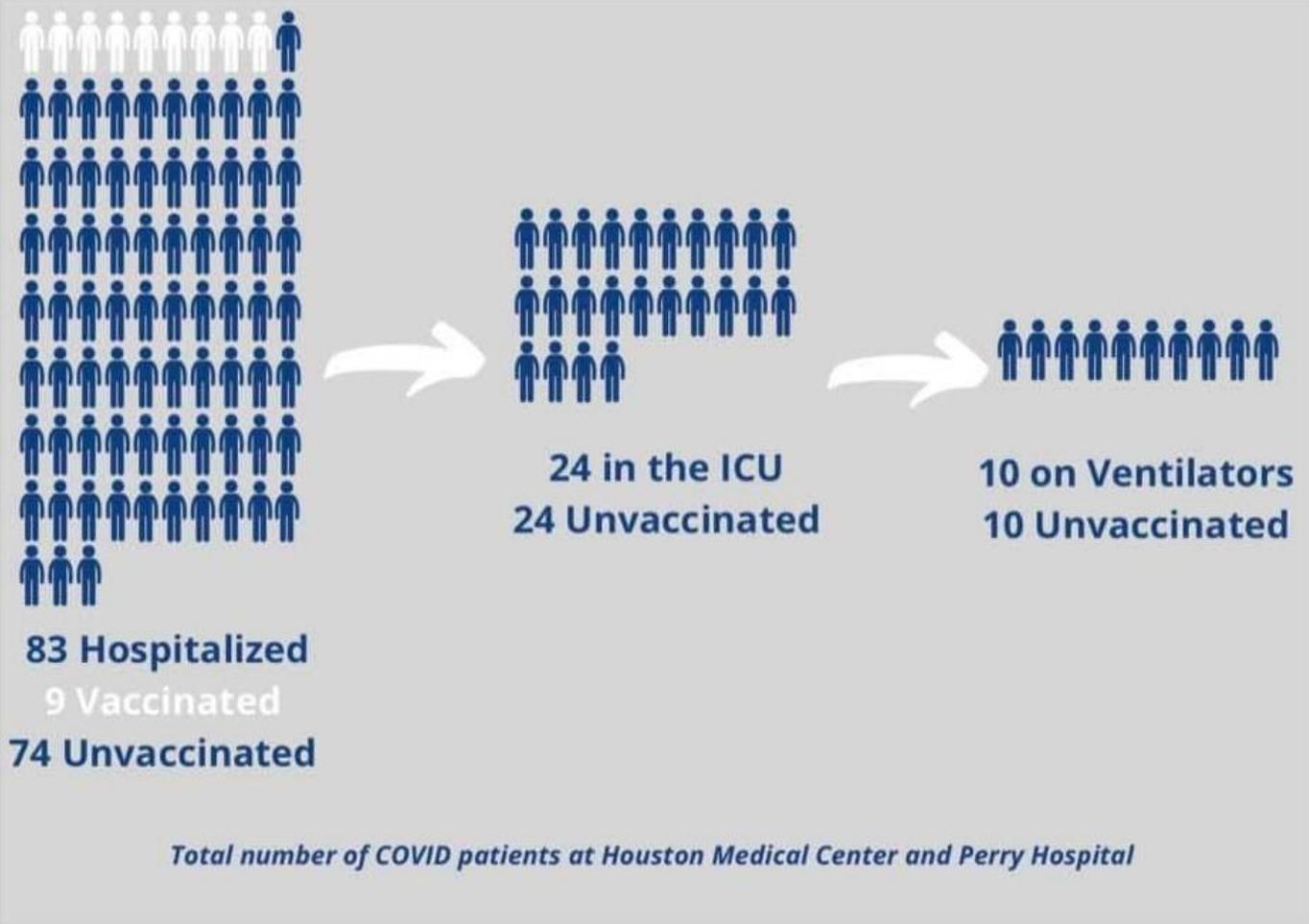
COVID-19 PATIENTS PER 100,000 PEOPLE



National currently:
26 hospitalized COVID-19 patients per 100,000 people (but highly concentrated in hardest hit areas; nearly all unvaccinated)

Chicago currently:
9 hospitalized COVID-19 patients per 100,000 people (and nearly all unvaccinated)

Individual hospital example from area with high COVID hospitalizations: Houston, TX



COVID Hospitalizations
August 10, 2021

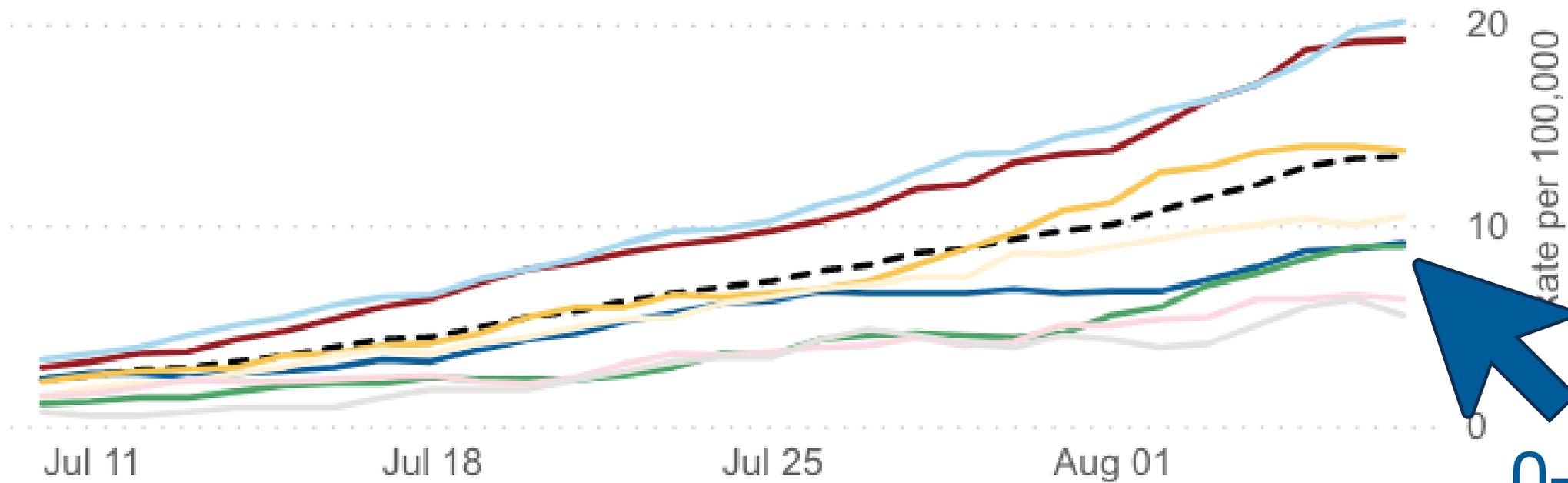




Recent Chicago COVID Cases by Age

Daily case rates* by Age

● Citywide ● 0-17 ● 18-29 ● 30-39 ● 40-49 ● 50-59 ● 60-69 ● 70-79 ● 80+

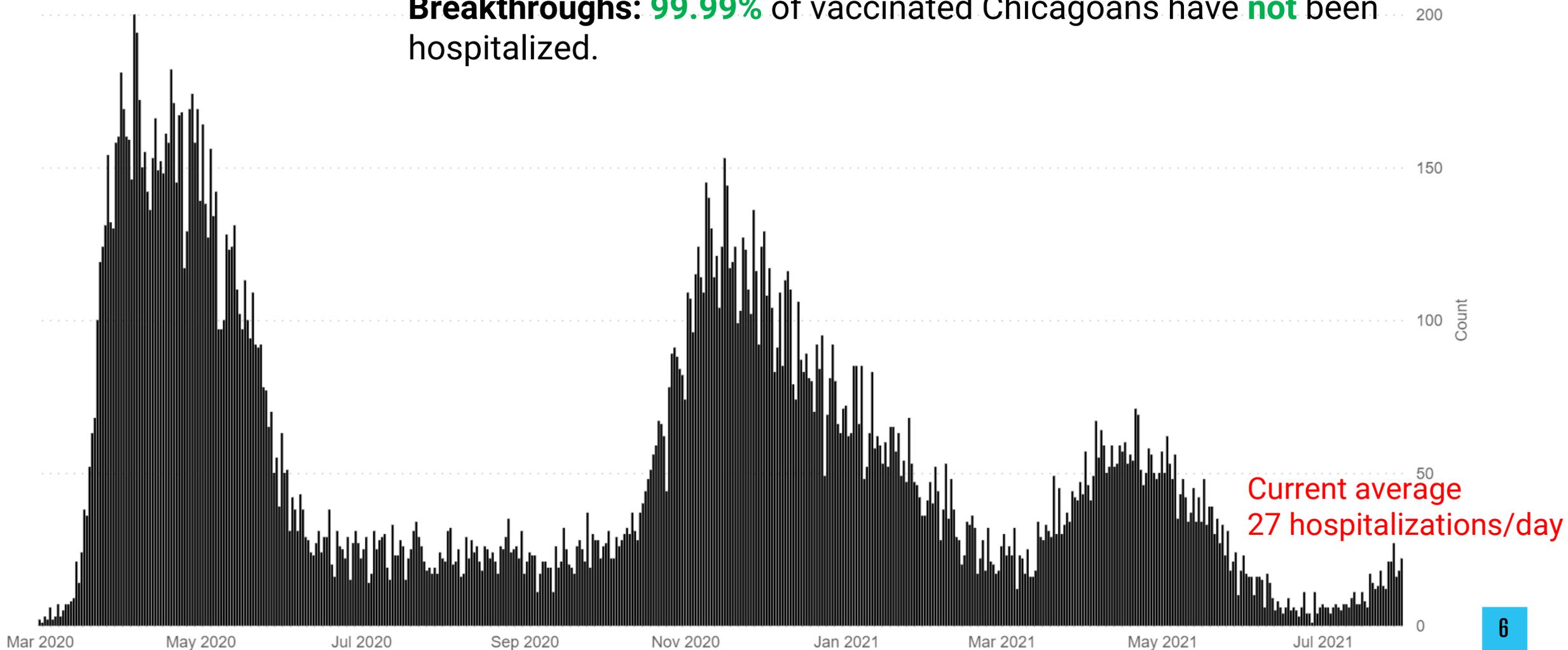


0-17y

New daily COVID hospitalizations, Chicago residents, full pandemic

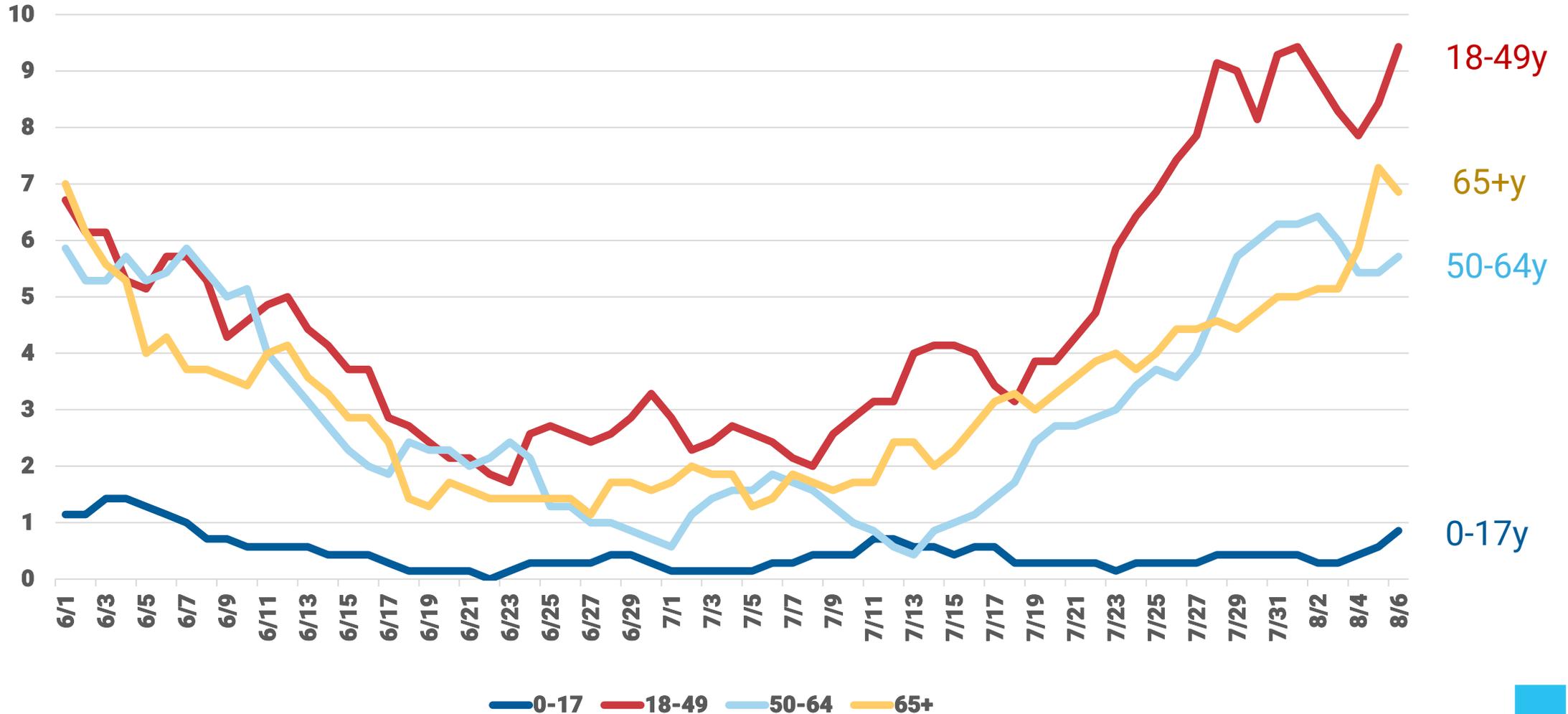


Breakthroughs: 99.99% of vaccinated Chicagoans have **not** been hospitalized.



COVID-19 hospital admissions, Chicago residents, by age group, June 1-present

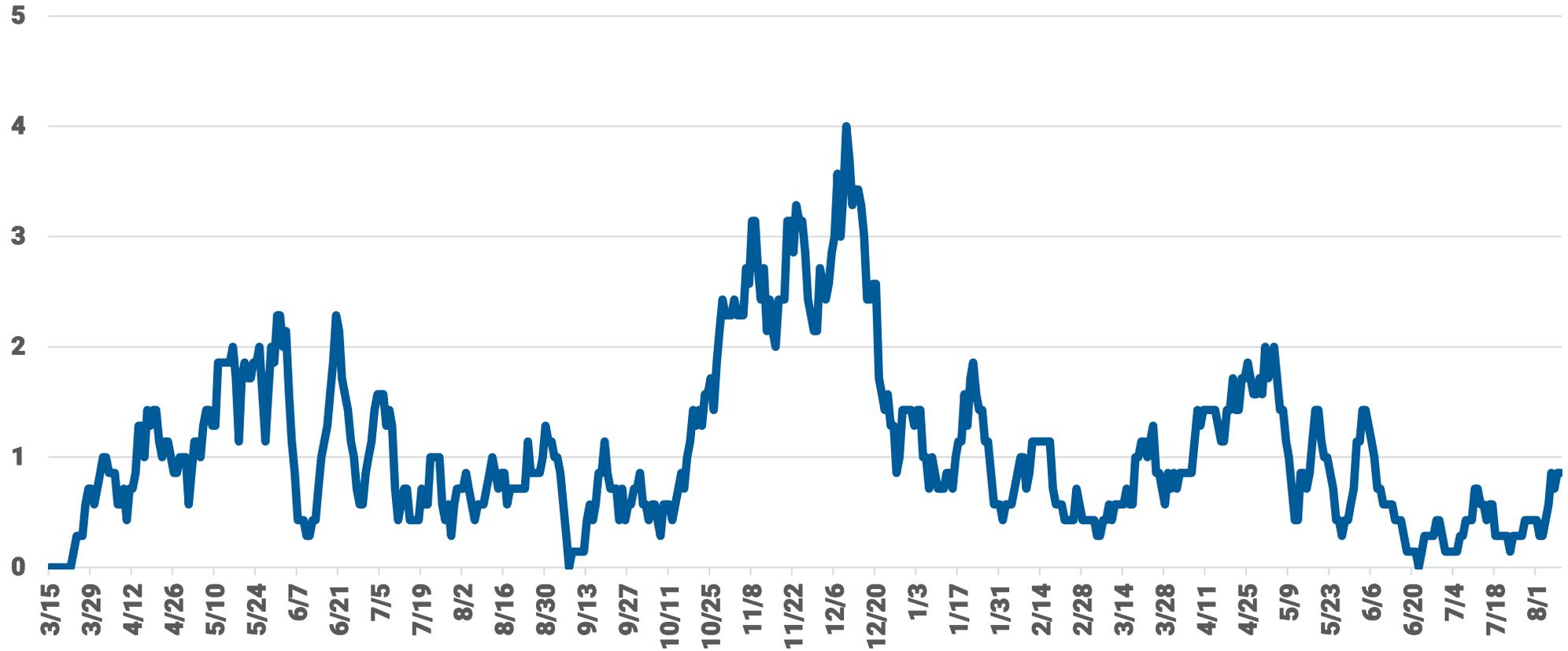
COVID-19 Hospital admits, on Admission Date, by Age Group, rolling 7-day average, from 6/1/2021



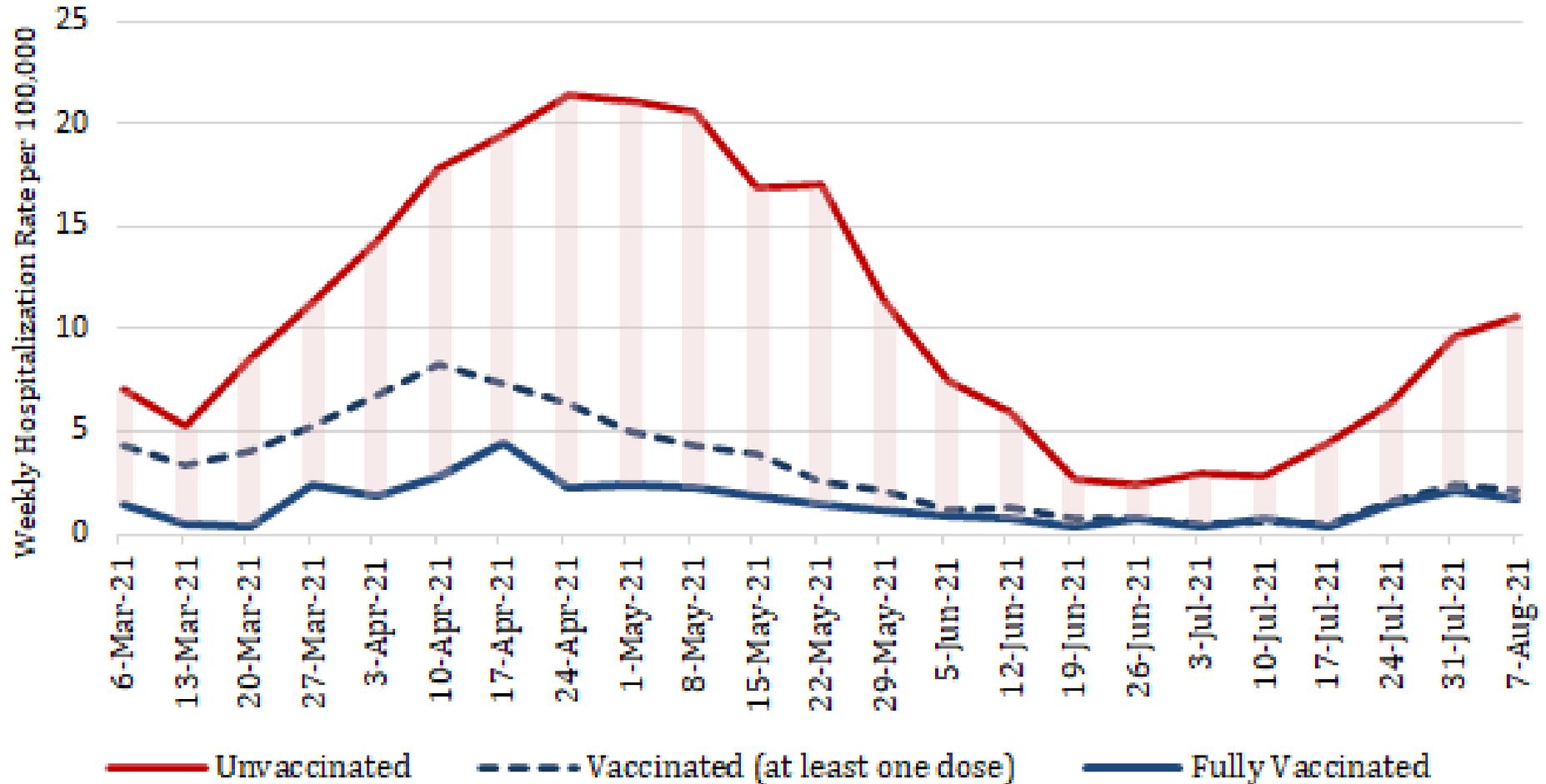
COVID-19 hospital pediatric (0-17y) admissions, Chicago residents, full pandemic



COVID-19 Hospital admits, on Admission Date, 0-17 year olds, rolling 7-day average, all epidemic



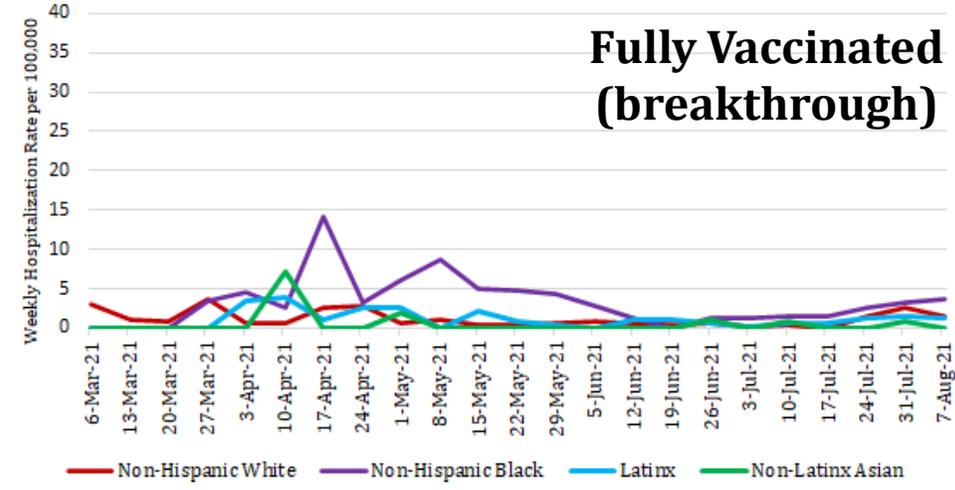
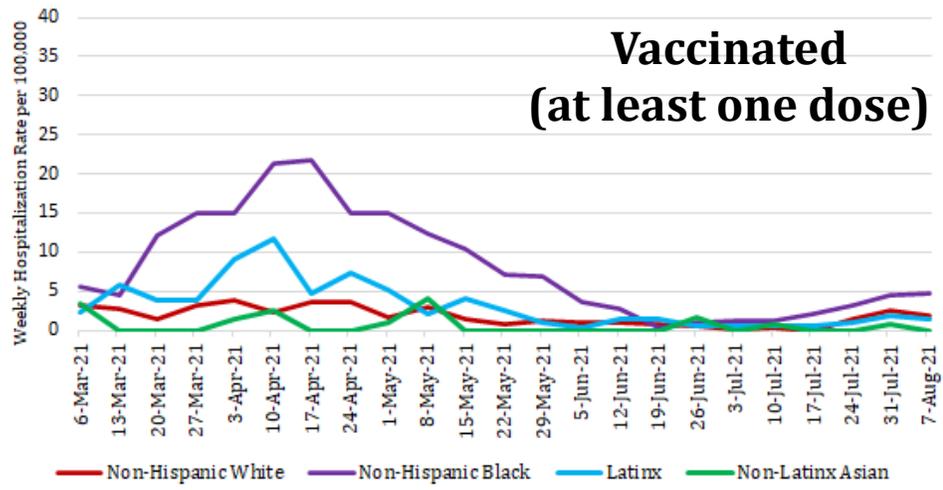
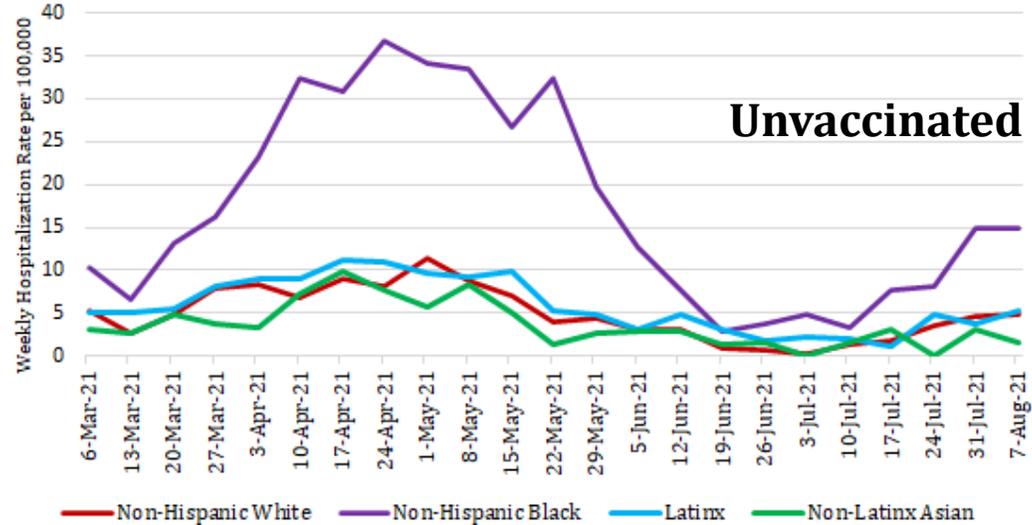
Weekly Hospitalization Rate per 100,000 by Vaccination Status



Notes:

Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/7/2021, pulled 8/11/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry; Vaccinated defined as having had at least one dose **prior to** a positive test. Rate for vaccinated calculated as total hospitalized cases divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total hospitalized cases divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.

Weekly Hospitalization Rate per 100,000 by Race/Ethnicity

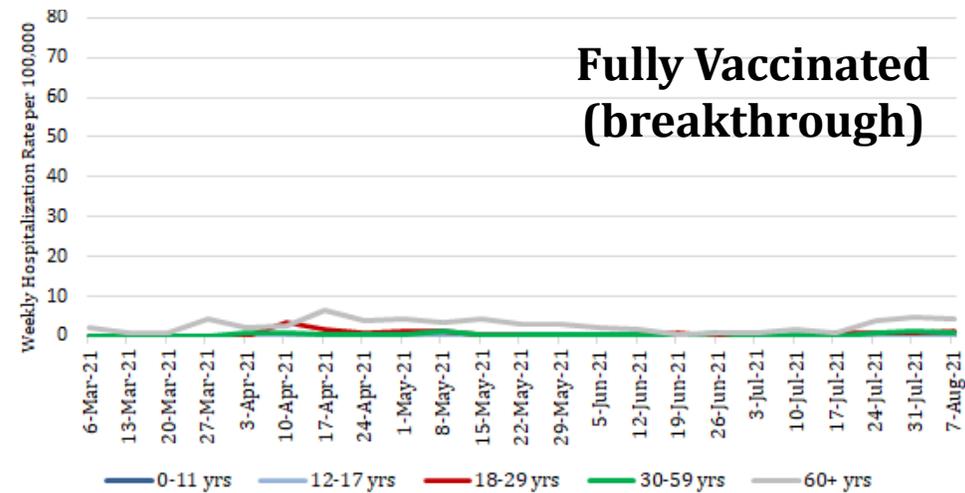
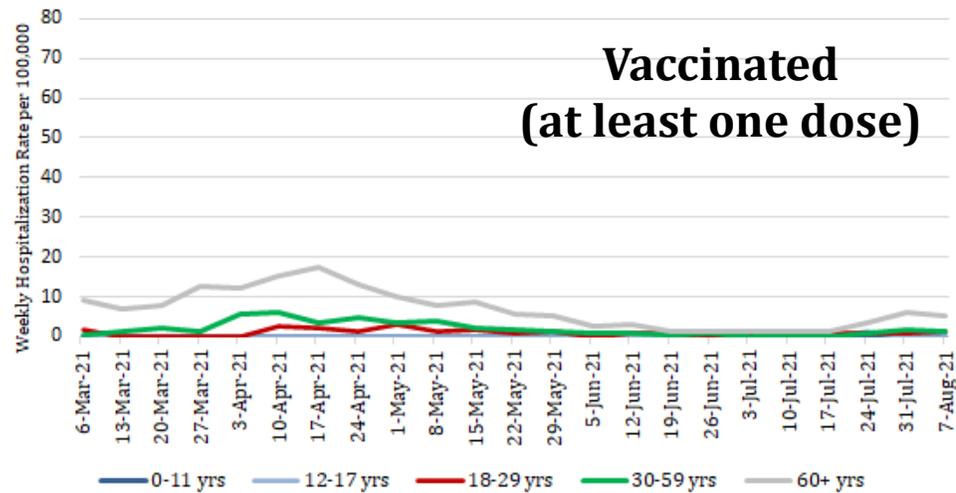
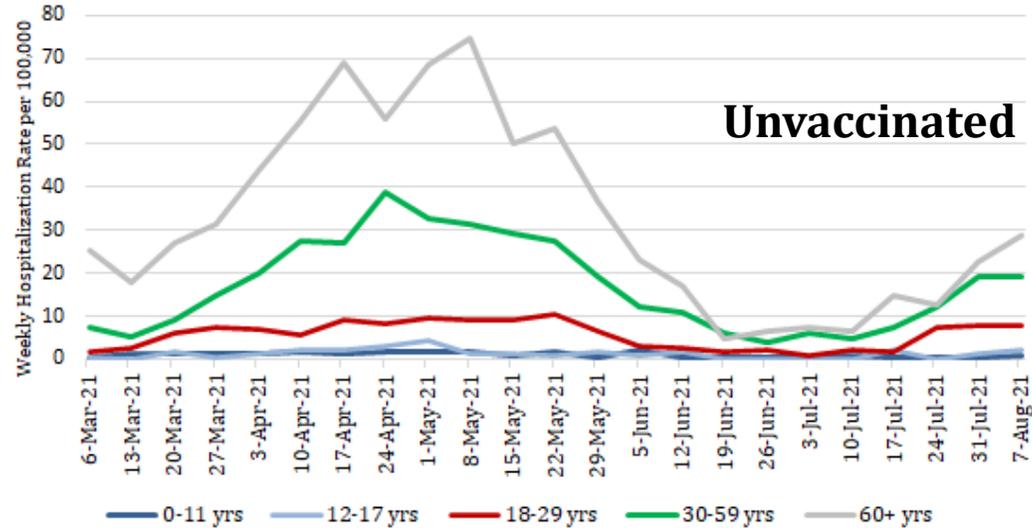


Notes:

Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/7/2021, pulled 8/11/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry; Vaccinated defined as having had at least one dose prior to a positive test. Rate for vaccinated calculated as total hospitalized cases divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total hospitalized cases divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.



Weekly Hospitalization Rate per 100,000 by Age Category



Notes:

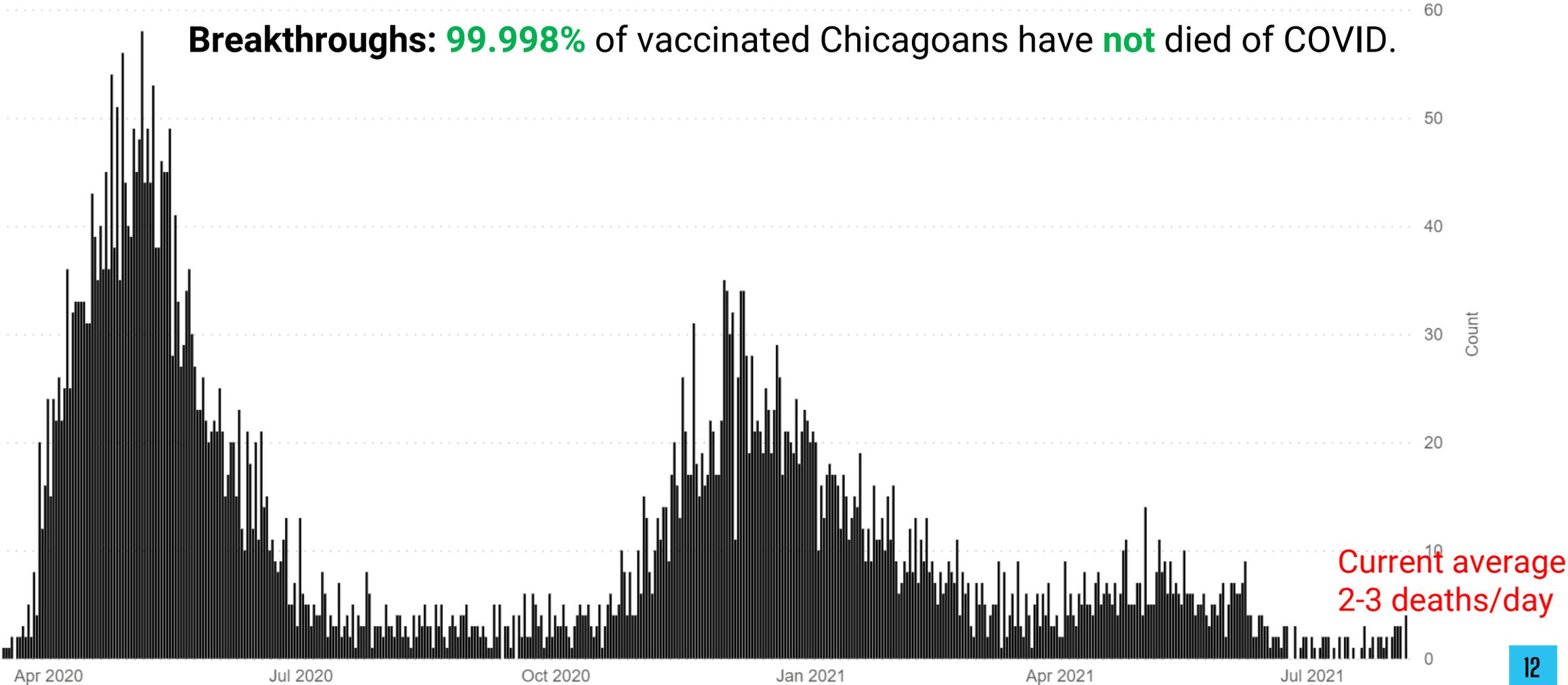
Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/7/2021, pulled 8/11/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry; Vaccinated defined as having had at least one dose **prior to** a positive test. Rate for vaccinated calculated as total hospitalized cases divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total hospitalized cases divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.



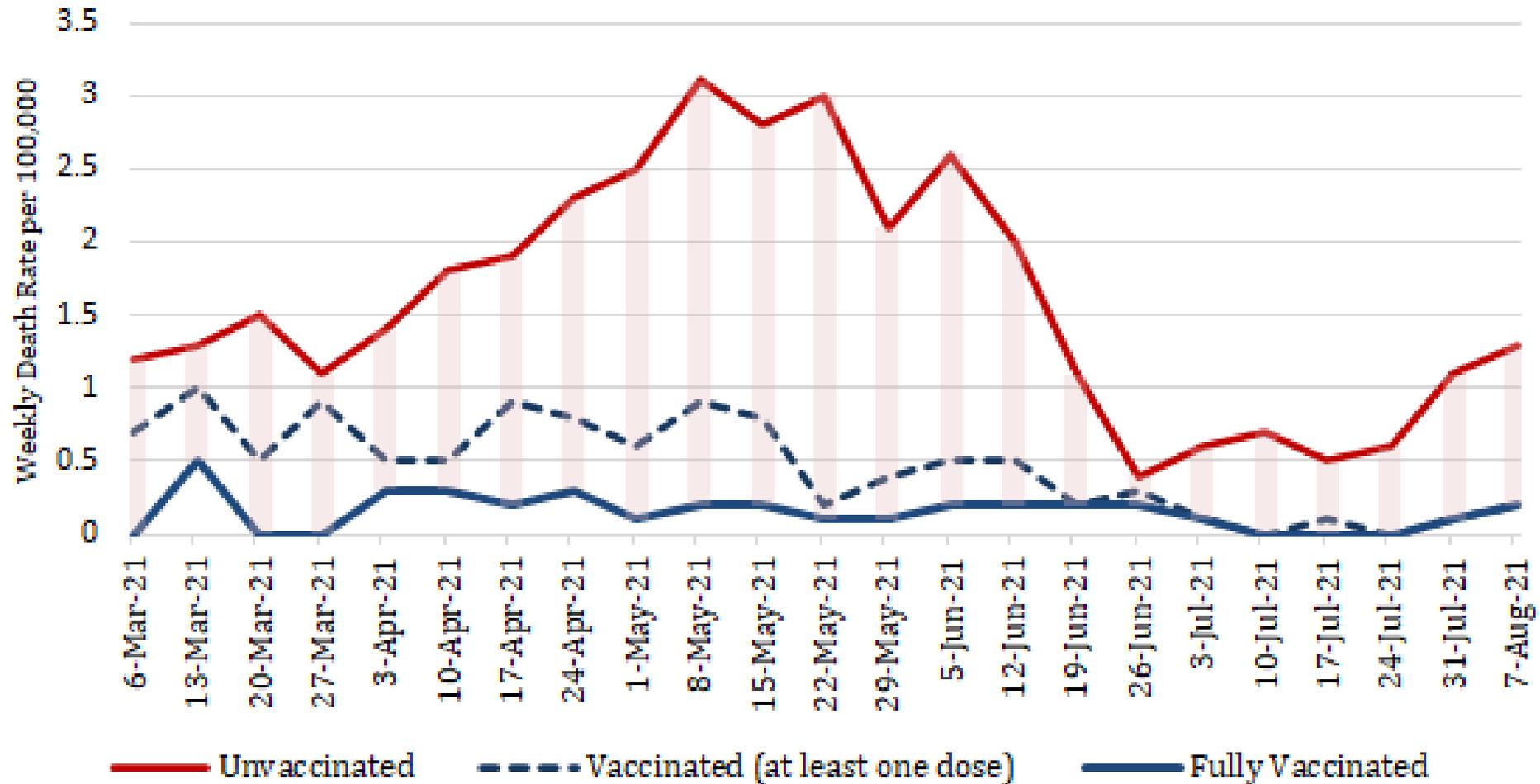
New daily COVID **deaths**, Chicago residents, full pandemic



Breakthroughs: **99.998%** of vaccinated Chicagoans have **not** died of COVID.



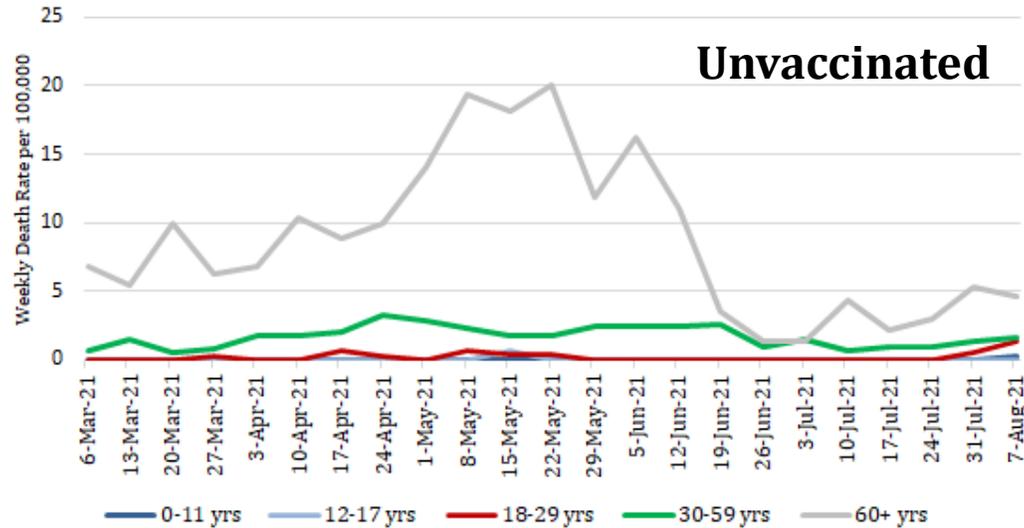
Weekly Death Rate per 100,000 by Vaccination Status



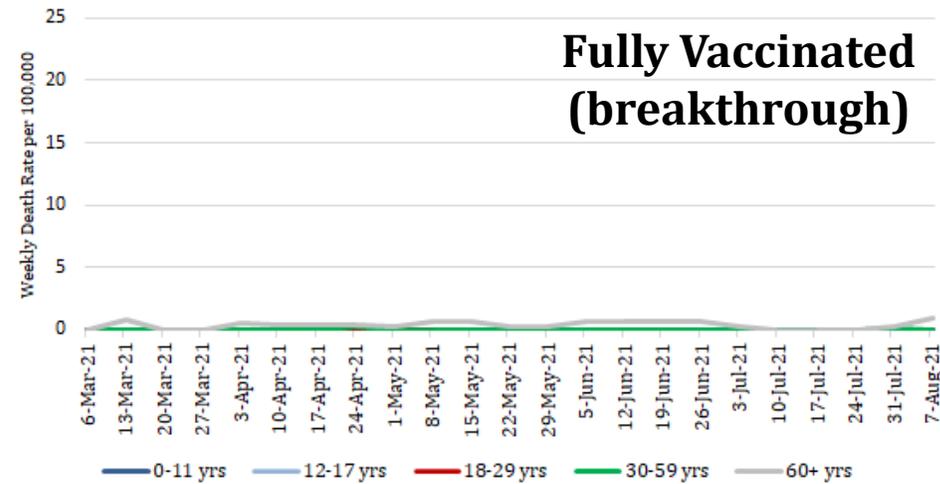
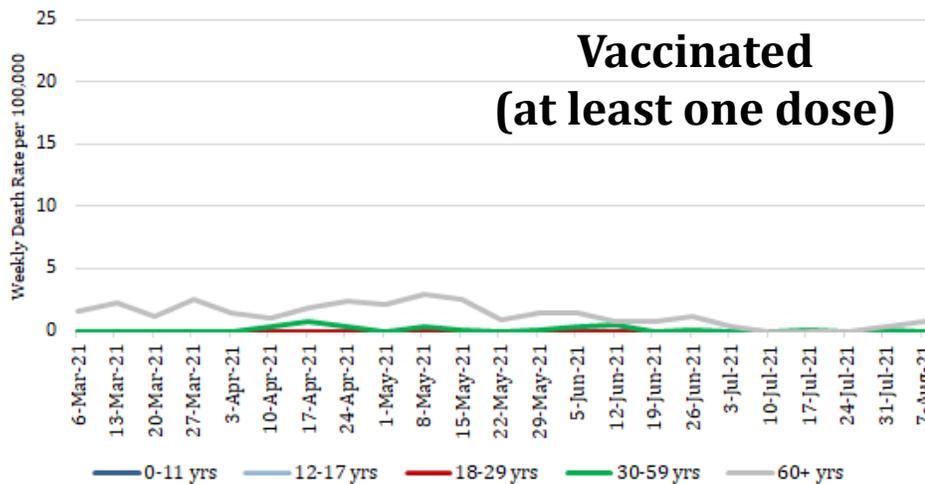
Notes:

Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/7/2021, pulled 8/11/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry; Vaccinated defined as having had at least one dose **prior to** a positive test. Rate for vaccinated calculated as total cases known to have died divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total cases known to have died divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.

Chicago: Weekly COVID Death Rate per 100,000 by Age Category



Highest death rate among unvaccinated 60y+ Chicagoans



Notes:

Includes cases among Chicago residents reported into the Illinois Electronic Disease Surveillance System (I-NEDSS) with date of specimen collection 1/1/2021-8/7/2021, pulled 8/11/2021. Vaccination status obtained from the Illinois Comprehensive Automated Immunization Registry (I-CARE) registry; Vaccinated defined as having had at least one dose prior to a positive test. Rate for vaccinated calculated as total cases known to have died divided by cumulative vaccinated at the end of each week, multiplied by 100,000. Rate for unvaccinated calculated as total cases known to have died divided by total population minus cumulative vaccinated at the end of each week, multiplied by 100,000.

